

**HUMAN GENOME SCIENCES
LEGAL DEPARTMENT****9410 Key West Avenue
Rockville, MD 20850****Phone: 301-309-8504****Fax: 301-309-8439****RECEIVED
CENTRAL FAX CENTER****OCT 22 2003****FAX COVER SHEET****DATE: October 22, 2003****TOTAL NUMBER OF PAGES: 10****TO: Examiner A. Spiegler - Art Unit 1637
United States Patent & Trademark Office****FAX NO.: (703) 872-9306****PHONE NO.: (703) 305-0806****FROM: Mark J. Hyman (Reg. No. 46,789)****RE: Application of: Fiscella et al. Attorney Docket No.: PT054P1
Application No.: 09/978,249 Filed: October 17, 2001****The following documents were filed by Human Genome Sciences, Inc.
via facsimile on October 22, 2003:**

1. Fax Cover Sheet
2. Fee Transmittal Sheet
3. Provisional Election Under 37 C.F.R. § 1.143 With Traverse And Amendment Under 37 C.F.R. § 1.111
4. Certificate of Transmission Under 37 C.F.R. § 1.8

If you experience any difficulty receiving this transmission,
please contact Mark J. Hyman at (240) 314-1224.

The information contained in this facsimile message is information protected by attorney-client and/or the attorney/work product privilege. It is intended only for the use of the individual named above and the privileges are not waived by virtue of this having been sent by facsimile. If the person actually receiving this facsimile or any other reader of the facsimile is not the named recipient or the employee or agent responsible to deliver it to the named recipient, any use, dissemination, distribution or copying of the communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the above address via U.S. Postal Service.

Use in lieu of PTO/SB/17 (08-03)
(Form updated to reflect FY 2004 fees effective 10/1/03)

FEE TRANSMITTAL for FY 2004		Complete If Known																																																																																																																																																									
Effective 10/01/2003. Filled fees are subject to annual review.		Application Number 09/978,248 Filing Date October 17, 2001 First Named Inventor Fiscella et al. Examiner Name Spiegler, A. Art Unit 1637																																																																																																																																																									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No. PT054P1																																																																																																																																																									
TOTAL AMOUNT OF PAYMENT (\$ 36.00)																																																																																																																																																											
METHOD OF PAYMENT (check all that apply)																																																																																																																																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number 08-3425 Deposit Account Name Human Genome Sciences, Inc																																																																																																																																																											
The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account																																																																																																																																																											
FEES CALCULATION																																																																																																																																																											
1. BASIC FILING FEE																																																																																																																																																											
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> </tr> <tr> <td>1002</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> </tr> <tr> <td>1003</td> <td>2003</td> <td>285</td> <td>Plant filing fee</td> </tr> <tr> <td>1004</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> </tr> <tr> <td>1005</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> </tr> <tr> <td colspan="2">SUBTOTAL (1)</td> <td>(\$ 0.00)</td> <td colspan="3"></td> </tr> </tbody> </table>						Large Entity	Small Entity			Fee Code (\$)	Fee Code (\$)	Fee	Description	1001	2001	385	Utility filing fee	1002	2002	170	Design filing fee	1003	2003	285	Plant filing fee	1004	2004	385	Reissue filing fee	1005	2005	80	Provisional filing fee	SUBTOTAL (1)		(\$ 0.00)																																																																																																																							
Large Entity	Small Entity																																																																																																																																																										
Fee Code (\$)	Fee Code (\$)	Fee	Description																																																																																																																																																								
1001	2001	385	Utility filing fee																																																																																																																																																								
1002	2002	170	Design filing fee																																																																																																																																																								
1003	2003	285	Plant filing fee																																																																																																																																																								
1004	2004	385	Reissue filing fee																																																																																																																																																								
1005	2005	80	Provisional filing fee																																																																																																																																																								
SUBTOTAL (1)		(\$ 0.00)																																																																																																																																																									
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																																																																																																																											
<table border="1"> <thead> <tr> <th>Total Claims</th> <th>-22*</th> <th>=</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <th>Independent Claims</th> <th>2</th> <th>=</th> <th>0</th> <th>4</th> <th></th> </tr> <tr> <th>Multiple Dependent</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Total Claims	-22*	=	Extra Claims	Fee from below	Fee Paid	Independent Claims	2	=	0	4		Multiple Dependent																																																																																																																																									
Total Claims	-22*	=	Extra Claims	Fee from below	Fee Paid																																																																																																																																																						
Independent Claims	2	=	0	4																																																																																																																																																							
Multiple Dependent																																																																																																																																																											
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>1204</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>1205</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="2">SUBTOTAL (2)</td> <td>(\$ 36.00)</td> <td colspan="3"></td> </tr> </tbody> </table>						Large Entity	Small Entity			Fee Code (\$)	Fee Code (\$)	Fee	Description	1202	2202	9	Claims in excess of 20	1201	2201	43	Independent claims in excess of 3	1203	2203	145	Multiple dependent claim, if not paid	1204	2204	43	** Reissue independent claims over original patent	1205	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)		(\$ 36.00)																																																																																																																							
Large Entity	Small Entity																																																																																																																																																										
Fee Code (\$)	Fee Code (\$)	Fee	Description																																																																																																																																																								
1202	2202	9	Claims in excess of 20																																																																																																																																																								
1201	2201	43	Independent claims in excess of 3																																																																																																																																																								
1203	2203	145	Multiple dependent claim, if not paid																																																																																																																																																								
1204	2204	43	** Reissue independent claims over original patent																																																																																																																																																								
1205	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																								
SUBTOTAL (2)		(\$ 36.00)																																																																																																																																																									
*or number previously paid, if greater. For Reissues, see above																																																																																																																																																											
3. ADDITIONAL FEES																																																																																																																																																											
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>85</td> <td>Surcharge - late filing fee or cash</td> </tr> <tr> <td>1052</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>1053</td> <td>2053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2812</td> <td>2,520</td> <td>For filing a request for re-pair reclassification</td> </tr> <tr> <td>1804</td> <td>2804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>2805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>2251</td> <td>65</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> </tr> <tr> <td>1461</td> <td>2461</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>2452</td> <td>50</td> <td>Petition to revive - uncontested</td> </tr> <tr> <td>1453</td> <td>2453</td> <td>985</td> <td>Petition to revive - unintentional</td> </tr> <tr> <td>1501</td> <td>2501</td> <td>845</td> <td>Utility issue fee (or issue)</td> </tr> <tr> <td>1502</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> </tr> <tr> <td>1503</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> </tr> <tr> <td>1400</td> <td>2400</td> <td>130</td> <td>Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>2807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>1808</td> <td>2808</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> </tr> <tr> <td>8021</td> <td>2021</td> <td>40</td> <td>Recording each patient assignment per number (number of ownership)</td> </tr> <tr> <td>1809</td> <td>2809</td> <td>365</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> </tr> <tr> <td>2010</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR 1.126(l))</td> </tr> <tr> <td>1801</td> <td>2801</td> <td>2425</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>2802</td> <td>900</td> <td>Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4">Other fee (specify)</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$ 0.00)</td> </tr> <tr> <td colspan="6" style="text-align: center;">SUBMITTED BY</td> </tr> <tr> <td colspan="2">Name (Name/Type) Mark J. Hyman</td> <td colspan="2">Registration No. (Attorney/Agent) 46,789</td> <td colspan="2">Telephone 240-314-1224</td> </tr> <tr> <td colspan="2">Signature </td> <td colspan="2"></td> <td colspan="2">Date October 22, 2003</td> </tr> </tbody></table>						Large Entity	Small Entity			Fee Code (\$)	Fee Code (\$)	Fee	Description	1051	2051	85	Surcharge - late filing fee or cash	1052	2052	25	Surcharge - late provisional filing fee or cover sheet	1053	2053	130	Non-English specification	1812	2812	2,520	For filing a request for re-pair reclassification	1804	2804	920*	Requesting publication of SIR prior to Examiner action	1805	2805	1,840*	Requesting publication of SIR after Examiner action	1251	2251	65	Extension for reply within first month	1252	2252	210	Extension for reply within second month	1253	2253	475	Extension for reply within third month	1254	2254	740	Extension for reply within fourth month	1255	2255	1,005	Extension for reply within fifth month	1401	2401	165	Notice of Appeal	1402	2402	165	Filing a brief in support of an appeal	1403	2403	145	Request for oral hearing	1461	2461	1,510	Petition to institute a public use proceeding	1452	2452	50	Petition to revive - uncontested	1453	2453	985	Petition to revive - unintentional	1501	2501	845	Utility issue fee (or issue)	1502	2502	240	Design issue fee	1503	2503	320	Plant issue fee	1400	2400	130	Petitions to the Commissioner	1807	2807	50	Processing fee under 37 CFR 1.17(q)	1808	2808	180	Submission of Information Disclosure Stmt	8021	2021	40	Recording each patient assignment per number (number of ownership)	1809	2809	365	Filing a submission after final rejection (37 CFR 1.129(a))	2010	2810	385	For each additional invention to be examined (37 CFR 1.126(l))	1801	2801	2425	Request for Continued Examination (RCE)	1802	2802	900	Request for expedited examination of a design application	Other fee (specify)						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 0.00)		SUBMITTED BY						Name (Name/Type) Mark J. Hyman		Registration No. (Attorney/Agent) 46,789		Telephone 240-314-1224		Signature 				Date October 22, 2003	
Large Entity	Small Entity																																																																																																																																																										
Fee Code (\$)	Fee Code (\$)	Fee	Description																																																																																																																																																								
1051	2051	85	Surcharge - late filing fee or cash																																																																																																																																																								
1052	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																								
1053	2053	130	Non-English specification																																																																																																																																																								
1812	2812	2,520	For filing a request for re-pair reclassification																																																																																																																																																								
1804	2804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																								
1805	2805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																								
1251	2251	65	Extension for reply within first month																																																																																																																																																								
1252	2252	210	Extension for reply within second month																																																																																																																																																								
1253	2253	475	Extension for reply within third month																																																																																																																																																								
1254	2254	740	Extension for reply within fourth month																																																																																																																																																								
1255	2255	1,005	Extension for reply within fifth month																																																																																																																																																								
1401	2401	165	Notice of Appeal																																																																																																																																																								
1402	2402	165	Filing a brief in support of an appeal																																																																																																																																																								
1403	2403	145	Request for oral hearing																																																																																																																																																								
1461	2461	1,510	Petition to institute a public use proceeding																																																																																																																																																								
1452	2452	50	Petition to revive - uncontested																																																																																																																																																								
1453	2453	985	Petition to revive - unintentional																																																																																																																																																								
1501	2501	845	Utility issue fee (or issue)																																																																																																																																																								
1502	2502	240	Design issue fee																																																																																																																																																								
1503	2503	320	Plant issue fee																																																																																																																																																								
1400	2400	130	Petitions to the Commissioner																																																																																																																																																								
1807	2807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																								
1808	2808	180	Submission of Information Disclosure Stmt																																																																																																																																																								
8021	2021	40	Recording each patient assignment per number (number of ownership)																																																																																																																																																								
1809	2809	365	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																								
2010	2810	385	For each additional invention to be examined (37 CFR 1.126(l))																																																																																																																																																								
1801	2801	2425	Request for Continued Examination (RCE)																																																																																																																																																								
1802	2802	900	Request for expedited examination of a design application																																																																																																																																																								
Other fee (specify)																																																																																																																																																											
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 0.00)																																																																																																																																																							
SUBMITTED BY																																																																																																																																																											
Name (Name/Type) Mark J. Hyman		Registration No. (Attorney/Agent) 46,789		Telephone 240-314-1224																																																																																																																																																							
Signature 				Date October 22, 2003																																																																																																																																																							

VIA FACSIMILE OCTOBER 22, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Fiscella et al.

Attorney Docket No.: PT054P1

Application No.: 09/978,249

Art Unit: 1637

Filed: October 17, 2001

Examiner: Spiegler, A.

Title: Extracellular Matrix Polynucleotides, Polypeptides, and Antibodies

**PROVISIONAL ELECTION UNDER 37 C.F.R. § 1.143 WITH TRAVERSE AND
AMENDMENT UNDER 37 C.F.R. § 1.111**Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed September 22, 2003, please consider the following amendments, traversal, provisional election, and remarks. Applicants respectfully request that the Examiner enter the following amendments prior to examination of the captioned application. Applicants submit a Fee Transmittal Sheet with appropriate fee concurrently herewith.

Applicants respectfully request the entry of the following amendments:

RECEIVED
CENTRAL FAX CENTER

OCT 22 2003